

---

*North America's Leader in Hazardous Material Information Management*  
*1905 Aston Avenue, Carlsbad, CA 92008*  
*Phone (800) 451-8346 Fax (760) 602-8888*

---

## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Pakmix, Inc.

Product Name: Pakmix Vinyl Concrete Patch (DISCONTINUED)



**3E COMPANY** *North America's Leader in Hazardous Material Information Management*

**Phone (800) 451-8346**

<b>MSDS DISCONTINUED PRODUCT</b>
----------------------------------

**Date:** 10/19/1999

**To:** MSDS Requester

**From:** 3E Company

**Subject:** The MSDS you have requested

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS attached is the most current version, or an MSDS is no longer available.

**Manufacturer:** Pakmix, Inc.

**ProductName:** Pakmix Vinyl Concrete Patch

**Mfr Contact Name:** Mrs. Cyndi Saxton

**Mfr Phone:** (800) 457-2680

PRODUCT NAME: PAKMIX Vinyl Concrete Patch  
PRODUCT CODE: PAKMIX Vinyl Patch

HMIS CODES: H F R P  
1 0 0 E

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

PREPARED FOR : Ralco Products, Inc.  
ADDRESS : 873 Western Avenue  
Toledo, OH  
43609-2795  
EMERGENCY PHONE : (419)241-1148  
INFORMATION PHONE: (419)241-1148  
DATE PRINTED : 10-20-93  
NAME OF PREPARER : Ralco Products, Inc.

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	
		mm Hg @ 70°F	mm Hg @ 100°F
WHI Calcium Silicate		N/A	N/A
TLV: 5 mg/cubic meter (respirable dust)			
TLV: 10 mg/cubic meter (total dust)			
Vinyl Acetate	108-05-4	<1.0	n/a
OSHA PEL: 35 mg/cubic meter			
ACGIH TLV: 70 mg/cubic meter			

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*  
THIS MSDS is prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200). Unlisted ingredients are not "Hazardous" under this OSHA Standard and are considered to be trade secrets of Ralco Products, Inc. Identities of trade secret ingredients will be made available following the procedures specified in the standard.

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: n/a - n/a	SPECIFIC GRAVITY (H2O=1): 2.51
VAPOR DENSITY: N/A	EVAPORATION RATE: N/A
HEATING V.O.C.: 0.00 lb/gal	MATERIAL V.O.C.: 0.00 lb/gal
SOLUBILITY IN WATER: Slight 0.1 - 1.0 %	
APPEARANCE AND ODOR: White Powder - Odorless	

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: n/a METHOD USED: n/a  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a UPPER: n/a  
EXTINGUISHING MEDIA: N/A

## SPECIAL FIREFIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

## ===== SECTION V - REACTIVITY DATA =====

STABILITY: Product hardens in 6-8 hours and becomes stable.

## CONDITIONS TO AVOID

UNKNOWN

**INCOMPATIBILITY (MATERIALS TO AVOID)**

acids, Fluorine, any additive except Water

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Carbon Dioxide when mixed with Acids

**HAZARDOUS POLYMERIZATION:** Will not occur.

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

causes irritation of mucous membrane and respiratory passages.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Corrosive to skin and eyes. Alkali burns to skin and eyes may result if contacted.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Systemically toxic concentrations will probably not be absorbed through the skin.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Ingle dose oral toxicity is low. No hazards anticipated from ingestion due to industrial exposure.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis). Acute or rapidly developing silicosis may occur in a short period of time in heavy exposure in certain occupations such as sandblasters. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death.

Acute Exposure: Wet portland cement can dry the skin and cause alkali burns. Portland cement dust can irritate the skin and upper respiratory system.

Chronic Exposure: Portland cement dust can cause inflammation of the lining of the interior of the nose and inflammation of the cornea. Individuals who are allergic to chromium may develop an allergic dermatitis. (Portland cement may contain traces of chromium).

**CARCINOGENICITY:** NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: Yes

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (Volume 24, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC Class 2A.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Persons with lung disease should avoid inhalation. Pulmonary function may be aggravated by inhalation of respirable crystalline silica. Also lung scarring produced by such inhalation may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions and diseases and which increases susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure.

**EMERGENCY AND FIRST AID PROCEDURES**

Wash eyes immediately with water. If irritation persists, seek medical attention. For gross inhalation, remove person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Use dustless methods (vacuum) and place into container for disposal, or flush with water. Do not dry sweep and disperse particles into room air. Wear protective equipment specified below.

**WASTE DISPOSAL METHOD**

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. State or local hazardous waste regulations may apply if they are different from the federal regulations. Dispose of according to Federal, State, and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Avoid breakage of bagged material or spills of bulk material.

Keep Dry.

## OTHER PRECAUTIONS

None

## ===== SECTION VIII - CONTROL MEASURES =====

### RESPIRATORY PROTECTION

Only NIOSH-approved or MSHA-approved equipment should be used.

### VENTILATION

Use sufficient local exhaust to maintain TLV's and PEL's.

### PROTECTIVE GLOVES

Protect hands by using rubber or leather gloves.

### EYE PROTECTION

Use protective shield (safety glasses) when exposed to dust particles.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear appropriate protective clothing. Launder contaminated clothing after use.

### WORK/HYGIENIC PRACTICES

Avoid creating and breathing dust.

## ===== SECTION IX - DISCLAIMER =====

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Raico Products, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

Customers/users of silica must comply with all applicable health and safety laws, regulations and orders.